

Method for estimating position of mobile station and its device

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Abstract of CN1413057

The method for estimating position of mobile station includes the following steps: utilizing the correspondent measurement of TOA of main base station and TDOA of other base stations corresponding to main base station to obtain related statistical information of TOA correspondent to main base station and TDOA correspondent to other base station; according to base station position information and related TOA and TDOA statistical informations constructing operation matrix, then using weighted linear least square method at twice to estimate position of mobile station, finally utilizing minimum distance difference to select final position estimation value. Said invention also provides its estimation equipment, including TOA and TDOA generator, information data base and position estimator.

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